

**WHAT IS CLAIMED IS:**

1. A composition for coating keratin fibers, comprising a dispersion of surface-stabilized polymer particles in a liquid fatty phase, wherein said polymer particles comprise at least 2% by weight relative to the total weight of the composition, and wherein said composition has a viscosity, measured at 25°C, at a shear rate of 200 s<sup>-1</sup>, ranging from 2 Pa•s to 17 Pa•s.
2. A composition according to Claim 1, wherein said composition is in a physiological acceptable medium.
3. A composition according to Claim 1, wherein said viscosity ranges from 5 Pa•s to 13 Pa•s.
4. A composition according to Claim 1, wherein said polymer is chosen from radical-mediated polymers, polycondensates and polymers of natural origin, and mixtures thereof.
5. A composition according to Claim 1, wherein said polymer is chosen from polyurethanes, polyurethane-acrylics, polyureas, polyurea-polyurethanes, polyester-polyurethanes, polyether-polyurethanes, polyesters, polyesteramides, polyesters containing a fatty chain, alkyds; acrylic and vinyl polymers and acrylic and vinyl copolymers; silicone polymers and fluoro polymers, and mixtures thereof.
6. A composition according to Claim 1, wherein said polymer is a film-forming polymer.

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8. A composition according to Claim 7, wherein said stabilizer is chosen from silicone polymers grafted with a hydrocarbon-based chain; hydrocarbon-based polymers grafted with a silicone chain; grafted-block and block copolymers comprising at least one polyorganosiloxane block and at least one block of a radical-mediated polymer; grafted-block and block copolymers comprising at least one polyorganosiloxane block and at least one polyether block; copolymers of C<sub>1</sub>-C<sub>4</sub> alkyl (meth)acrylates and of C<sub>8</sub>-C<sub>30</sub> alkyl (meth)acrylates; grafted-block and block copolymers comprising at least one block resulting from the polymerization of ethylenic monomers comprising at least one optionally conjugated ethylenic bond and at least one styrene polymer block; grafted-block and block copolymers comprising at least one block resulting from the polymerization of ethylenic monomers and at least one acrylic polymer block; grafted-block and block copolymers comprising at least one block resulting from the polymerization of an ethylenic monomer and at least one polyether block.

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10. A composition according to Claim 1, wherein said polymer particles are present in a solids content ranging from 2% to 50% by weight relative to the total weight of the composition.

11. A composition according to Claim 10, wherein said polymer particles are present in a solids content ranging from 4% to 40% by weight relative to the total weight of the composition.

12. A composition according to Claim 11, wherein said polymer particles are present in a solids content ranging from 5% to 30% by weight relative to the total weight of the composition.

13. A composition according to Claim 1, wherein said liquid fatty phase comprises at least one oil chosen from mineral, animal, plant, synthetic origin and hydrocarbon-based oils, fluoro oils and silicone oils.

14. A composition according to Claim 1, wherein said liquid fatty phase comprises at least one substance from liquid paraffin, liquid petroleum jelly, mink oil, turtle oil, soybean oil, perhydrosqualene, sweet almond oil, beauty-leaf oil, palm oil, parleam oil, grape seed oil, sesame oil, corn oil, rapeseed oil, sunflower oil, cotton oil, apricot oil, castor oil, avocado oil, jojoba oil, olive oil, cereal germ oil; esters of lanolic acid, of oleic acid, of lauric acid and of stearic acid; fatty esters; higher fatty acids; higher fatty alcohols; silicone oils; polysiloxanes modified with fatty acids, fatty alcohols other than said higher fatty alcohols, polyoxyalkylenes, fluorosilicones, perfluoro oils; and volatile oils differing from any of said oils recited above in this claim.

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15. A composition according to Claim 14, wherein said fatty esters are chosen from isopropyl myristate, isopropyl palmitate, butyl stearate, hexyl laurate, diisopropyl adipate, isononyl isononate, 2-ethylhexyl palmitate, 2-hexyldecyl laurate, 2-octyldecyl palmitate, 2-octyldodecyl myristate or lactate, 2-diethylhexyl succinate, diisostearyl malate, glyceryl triisostearate and diglyceryl triisostearate.

16. A composition according to Claim 14, wherein said higher fatty acids are chosen from myristic acid, palmitic acid, stearic acid, behenic acid, oleic acid, linoleic acid, linolenic acid and isostearic acid.

17. A composition according to Claim 14, wherein said higher fatty alcohols are chosen from cetanol, stearyl alcohol, oleyl alcohol, linoleyl alcohol, linolenyl alcohol, isostearyl alcohol and octyldodecanol.

18. A composition according to Claim 14, wherein said silicone oils are chosen from polydimethylsiloxanes which are optionally phenylated, optionally substituted with at least one aliphatic and aromatic group, and optionally substituted with functional groups.

19. A composition according to Claim 18, wherein said polydimethylsiloxanes which are optionally phenylated are chosen from phenyltrimethicones.

20. A composition according to Claim 18, wherein said functional groups are chosen from hydroxyl, thiol and amine groups.

21. A composition according to Claim 14, wherein said volatile oils are chosen from octamethylcyclotetrasiloxane, decamethylcyclopentasiloxane, hexadecamethylcyclohexasiloxane, heptamethylhexyltrisiloxane, heptamethyloctyltrisiloxane and C<sub>8</sub>-C<sub>16</sub> isoparaffins.

22. A composition according to Claim 14, wherein said at least one substance is isododecane.

23. A composition according to Claim 1, wherein said liquid fatty phase is chosen from:

- non-aqueous liquid compounds having a global solubility parameter according to the Hansen solubility space of less than 17 (MPa)<sup>1/2</sup>,
- monoalcohols having an overall solubility parameter according to the Hansen solubility space of less than or equal to 20 (MPa)<sup>1/2</sup>, and
- mixtures thereof.

24. A composition according to Claim 1, wherein said fatty phase contains at least one oil, and wherein said at least one oil is volatile at room temperature.

25. A composition according to Claim 1, wherein said composition further comprises at least one additive chosen from fragrances, preserving agents, surfactants, plasticizers, sequestering agents, vitamins, proteins, ceramides, acidifying or basifying agents, emollients, dyestuffs and fillers.

26. A composition according to Claim 1, wherein said composition is anhydrous.

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27. A composition for coating keratin fibers, comprising a dispersion of surface-stabilized polymer particles in a liquid fatty phase, wherein said polymer particles comprise at least 2% by weight relative to the total weight of the composition, and wherein said composition has a viscosity, measured at 25°C, at a shear rate of 200 s<sup>-1</sup>, ranging from 2 Pa•s to 17 Pa•s, wherein said composition is a make-up composition, a make-up base, a composition to be applied to a make-up, or a cosmetic treatment composition for keratin fibers.

28. A method of coating keratin fibers, comprising applying to said keratin fibers, a composition which comprises a dispersion of surface-stabilized polymer particles in a liquid fatty phase, wherein said polymer particles comprise at least 2% by weight relative to the total weight of the composition, and wherein said composition has a viscosity, measured at 25°C, at a shear rate of 200 s<sup>-1</sup>, ranging from 2 Pa•s to 17 Pa•s.

29. A method according to Claim 28, wherein said keratin fibers are eyelashes.

30. A method of treating keratin fibers, comprising applying to said keratin fibers, a composition to obtain a film, wherein said composition comprises a dispersion of surface-stabilized polymer particles in a liquid fatty phase, wherein said polymer particles comprise at least 2% by weight relative to the total weight of the composition, and wherein said composition has a viscosity, measured at 25°C, at a shear rate of 200 s<sup>-1</sup>, ranging from 2 Pa•s to 17 Pa•s.

31. A method according to Claim 30, wherein said keratin fibers are eyelashes.